



sequencelisting.txt  
SEQUENCE LISTING

RECEIVED  
JUL 31 2003  
TECH CENTER 1600/2900

- <110> Euroscreen, S.A.  
SAMSON, Michel  
PARMENTIER, Marc  
VASSART, Gilbert  
LIBERT, Frederick
- <120> Methods for Identifying Compounds which Bind the Active CCR5  
Chemokine Receptor
- <130> 9409/2023C
- <140> 09/939,226  
<141> 2001-08-24
- <150> US 08/833,752  
<151> 1997-04-09
- <150> US 09/626,939  
<151> 2000-07-27
- <150> US 08/810,028  
<151> 1997-03-04
- <160> 18
- <170> PatentIn version 3.2

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ES

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cggtcacctt tgggggtgtg acaagtgtga tcaattgggt ggtggctgtg tttgcgtctc 720  
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sequencelisting.txt

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sequencelisting.txt

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 35 40 45

Met Leu Val Ile Leu Ile Leu Ile Asn Cys Lys Arg Leu Lys Ser Met  
 50 55 60

Thr Asp Ile Tyr Leu Leu Asn Leu Ala Ile Ser Asp Leu Phe Phe Leu  
 65 70 75 80

Leu Thr Val Pro Phe Trp Ala His Tyr Ala Ala Ala Gln Trp Asp Phe  
 85 90 95

Gly Asn Thr Met Cys Gln Leu Leu Thr Gly Leu Tyr Phe Ile Gly Phe  
 100 105 110

Phe Ser Gly Ile Phe Phe Ile Ile Leu Leu Thr Ile Asp Arg Tyr Leu  
 115 120 125

Ala Val Val His Ala Val Phe Ala Leu Lys Ala Arg Thr Val Thr Phe  
 130 135 140

Gly Val Val Thr Ser Val Ile Thr Trp Val Val Ala Val Phe Ala Ser  
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Thr Cys Ser Ser His Phe Pro Tyr  
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 Page 4

sequencelisting.txt

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Ile	Asn	Val	Lys
	25	Gln	Ile
Ala	Ala	Arg	Leu
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Leu	Pro	Pro	Leu
	35	Tyr	Ser
Leu	Val	Phe	Ile
	40	Phe	Gly
Phe	Val	Gly	Asn
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Met	Leu	Val	Ile
	50	Leu	Ile
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Thr	Asp	Ile	Tyr
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Asn	Leu	Ala	Ile
	70	Ser	Asp
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Leu	Thr	Val	Pro
	85	Phe	Trp
Ala	His	Tyr	Ala
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Gln	Trp	Asp	Phe
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Gly	Asn	Thr	Met
	100	Cys	Gln
Leu	Leu	Thr	Gly
	105	Leu	Tyr
Phe	Ile	Gly	Phe
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	115	Phe	Phe
Ile	Ile	Ile	Leu
	120	Leu	Thr
Ile	Asp	Arg	Tyr
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Phe	Ala	Leu	Lys
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Thr	Val	Thr	Phe
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Val	Val	Phe	Ala
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Leu	Pro	Gly	Ile
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	170	Lys	Glu
Gly	Leu	His	Tyr
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Thr	Cys	Ser	Ser
	180	His	Phe
Pro	Tyr	Ser	Gln
	185	Tyr	Gln
Phe	Trp	Lys	Asn
	190		
Phe	Gln	Thr	Leu
	195	Lys	Ile
Val	Val	Ile	Val
	200	Ile	Leu
Gly	Leu	Val	Leu
	205	Pro	Leu
Leu	Leu	Arg	Cys
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Val	Met	Val	Ile
	215	Cys	Tyr
Ser	Gly	Ile	Leu
	220	Lys	Thr
Leu	Leu	Arg	Cys
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Arg	Asn	Glu	Lys
	230	Lys	Arg
His	Arg	Ala	Val
	235	Arg	Leu
Ile	Phe	Thr	Ile
	240		
Met	Ile	Val	Tyr
	245	Phe	Leu
Phe	Trp	Ala	Pro
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Ile	Val	Leu	Leu
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sequencelisting.txt

Leu Asn Thr Phe Gln Glu Phe Phe Gly Leu Asn Asn Cys Ser Ser Ser  
260 265 270

Asn Arg Leu Asp Gln Ala Met Gln Val Thr Glu Thr Leu Gly Met Thr  
275 280 285

His Cys Cys Ile Asn Pro Ile Ile Tyr Ala Phe Val Gly Glu Lys Phe  
290 295 300

Arg Asn Tyr Leu Leu Val Phe Phe Gln Lys His Ile Ala Lys Arg Phe  
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Cys Lys Cys Cys Ser Ile Phe Gln Gln Glu Ala Pro Glu Arg Ala Ser  
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Leu Pro Pro Leu Tyr Ser Leu Val Phe Ile Phe Gly Phe Val Gly Asn  
35 40 45

Met Leu Val Ile Leu Ile Leu Ile Asn Cys Lys Arg Leu Lys Ser Met  
50 55 60

Thr Asp Ile Tyr Leu Leu Asn Leu Ala Ile Ser Asp Leu Phe Phe Leu  
65 70 75 80

Leu Thr Val Pro Phe Trp Ala His Tyr Ala Ala Ala Gln Trp Asp Phe  
85 90 95

Gly Asn Thr Met Cys Gln Leu Leu Thr Gly Leu Tyr Phe Ile Gly Phe  
100 105 110

Phe Ser Gly Ile Phe Phe Ile Ile Leu Leu Thr Ile Asp Arg Tyr Leu  
115 120 125

sequencelisting.txt

Ala Val Val His Ala Val Phe Ala Leu Lys Ala Arg Thr Val Thr Phe  
130 135 140

Gly Val Val Thr Ser Val Ile Thr Trp Val Val Ala Val Phe Ala Ser  
145 150 155 160

Leu Pro Gly Ile Ile Phe Thr Arg Ser Gln Lys Glu Gly Leu His Tyr  
165 170 175

Thr Cys Ser Ser His Phe Pro Tyr Ile Lys Asp Ser His Leu Gly Ala  
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Asn Ser Ala Ser Val Ser Lys  
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35 40 45

Tyr Ser Leu Val Phe Ile Phe Gly Phe Val Gly Asn Met Leu Val Val  
50 55 60

Leu Ile Leu Ile Asn Cys Lys Lys Leu Lys Cys Leu Thr Asp Ile Tyr  
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Leu Leu Asn Leu Ala Ile Ser Asp Leu Leu Phe Ile Ile Thr Leu Pro  
85 90 95

Leu Trp Ala His Ser Ala Ala Asn Glu Trp Val Phe Gly Asn Ala Met  
100 105 110

sequencelisting.txt

Cys Lys Leu Phe Thr Gly Leu Tyr His Ile Gly Tyr Phe Gly Gly Ile  
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 Phe Phe Ile Ile Leu Leu Thr Ile Asp Arg Tyr Leu Ala Ile Val His  
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 Ser Val Ile Thr Trp Leu Val Ala Val Phe Ala Ser Val Pro Gly Ile  
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 Tyr Phe Pro Arg Gly Trp Asn Asn Phe His Thr Ile Met Arg Asn Ile  
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 Leu Gly Leu Val Leu Pro Leu Leu Ile Met Val Ile Cys Tyr Ser Gly  
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 Ile Leu Lys Thr Leu Leu Arg Cys Arg Asn Glu Lys Lys Arg His Arg  
 225 230 235 240  
 Ala Val Arg Val Ile Phe Thr Ile Met Ile Val Tyr Phe Leu Phe Trp  
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 Thr Pro Tyr Asn Ile Val Ile Leu Leu Asn Thr Phe Gln Glu Phe Phe  
 260 265 270  
 Gly Leu Ser Asn Cys Glu Ser Thr Ser Gln Leu Asp Gln Ala Ile Gln  
 275 280 285  
 Val Thr Glu Thr Leu Gly Met Thr His Cys Cys Ile Asn Pro Ile Ile  
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 Tyr Ala Phe Val Gly Glu Lys Phe Arg Arg Tyr Ile Ser Val Phe Phe  
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 Arg Lys His Ile Xaa Xaa Xaa Phe Cys Lys Gln Cys Pro Val Phe Tyr  
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Leu Ile Gly Asn Val Val Val Val Met Ile Leu Ile Lys Tyr Arg Arg  
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65 70 75 80

Leu Leu Phe Ile Val Thr Leu Pro Phe Trp Thr His Tyr Val Arg Gly  
85 90 95

His Asn Trp Val Phe Gly His Gly Met Cys Asn Leu Ile Ser Gly Phe  
100 105 110

Tyr His Thr Gly Leu Tyr Ser Glu Ile Phe Phe Ile Ile Leu Leu Thr  
115 120 125

Ile Asp Arg Tyr Leu Ala Ile Val His Ala Val Phe Ala Ile Arg Ala  
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Arg Thr Val Thr Phe Gly Val Ile Thr Ser Ile Val Thr Trp Gly Ile  
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Ala Val Ile Ala Ala Leu Pro Glu Phe Ile Phe Tyr Glu Thr Glu Glu  
165 170 175

sequencelisting.txt

Leu Phe Glu Glu Thr Ile Cys Ser Ala Leu Tyr Pro Glu Asp Thr Val  
180 185 190

Tyr Ser Trp Arg His Phe His Thr Ile Arg Met Thr Ile Phe Cys Leu  
195 200 205

Val Leu Pro Leu Leu Val Met Ala Ile Cys Tyr Thr Gly Ile Ile Lys  
210 215 220

Thr Leu Leu Arg Cys Pro Xaa Xaa Xaa Lys Tyr Lys Ala Ile Arg Leu  
225 230 235 240

Ile Phe Val Ile Met Ala Val Phe Phe Ile Glu Trp Thr Pro Tyr Asn  
245 250 255

Val Ala Ile Leu Ile Ser Ser Tyr Gln Ser Leu Leu Phe Gly Asn Asn  
260 265 270

Cys Glu Arg Ser Lys His Leu Asp Leu Val Met Ile Val Thr Glu Val  
275 280 285

Ile Ala Tyr Ser His Cys Cys Met Asn Glu Val Ile Tyr Ala Phe Val  
290 295 300

Gly Glu Arg Phe Arg Lys Tyr Ile Arg His Phe Phe His Arg His Leu  
305 310 315 320

Leu Met His Leu Gly Arg Tyr Ile Pro Phe Leu Pro Xaa Xaa Xaa Ile  
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sequencelisting.txt

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35 40 45

Leu Val Gly Asn Ile Leu Val Val Leu Val Leu Val Gln Tyr Lys Arg  
50 55 60

Leu Lys Asn Met Thr Ser Ile Tyr Leu Leu Asn Leu Ala Ile Ser Asp  
65 70 75 80

Leu Leu Phe Ile Phe Thr Leu Pro Phe Trp Ile Asp Tyr Lys Leu Lys  
85 90 95

Asp Asp Trp Val Phe Gly Asp Ala Met Cys Lys Ile Ile Ser Gly Phe  
100 105 110

Tyr Tyr Thr Gly Leu Tyr Ser Glu Ile Phe Phe Ile Ile Leu Leu Thr  
115 120 125

Ile Asp Arg Tyr Leu Ala Ile Val His Ala Val Phe Ala Ile Arg Ala  
130 135 140

Arg Thr Val Thr Phe Gly Val Ile Thr Ser Ile Ile Ile Trp Ala Ile  
145 150 155 160

Ala Ile Ile Ala Ser Met Pro Gly Leu Tyr Phe Ser Lys Thr Gln Trp  
165 170 175

Glu Phe Thr His His Thr Cys Ser Leu His Phe Pro His Glu Ser Leu  
180 185 190

Arg Glu Trp Lys Leu Phe Gln Ala Leu Lys Leu Asn Leu Phe Gly Leu  
195 200 205

Val Leu Pro Leu Leu Val Met Ile Ile Cys Tyr Ile Gly Ile Ile Lys  
210 215 220

Ile Leu Leu Arg Arg Pro Asn Glu Lys Lys Ser Lys Ala Val Arg Leu  
225 230 235 240

Ile Phe Val Ile Met Ile Ile Phe Phe Leu Phe Trp Ile Pro Tyr Asn  
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260 265 270

Cys Glu Gln Ser Arg His Leu Asp Leu Ala Val Gln Val Thr Glu Val

275 sequencelisting.txt 285

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290 295 300

Gly Glu Arg Phe Arg Lys Tyr Ile Arg Gln Leu Glu His Arg Arg Val  
305 310 315 320

Ala Val His Leu Val Lys Trp Leu Pro Phe Leu Ser Val Asp Arg Ile  
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Glu Arg Val Ser Ser Thr Ser Pro Ser Thr Gly Glu His Glu Ile Ser  
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Ala Gly Phe  
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35 40 45

Val Glu Val Phe Gly Leu Ile Gly Asn Ser Val Val Val Leu Val Leu  
50 55 60

Phe Lys Tyr Lys Arg Ile Arg Ser Met Thr Asp Val Tyr Leu Leu Asn  
65 70 75 80

Leu Ala Ile Ser Asp Leu Leu Phe Val Phe Ser Leu Pro Phe Trp Gly  
85 90 95

sequencelisting.txt

Tyr Tyr Ala Ala Asp Gln Trp Val Phe Gly Leu Gly Ile Cys Lys Met  
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 Xaa Xaa Xaa Ala Arg Thr Ile Ile Tyr Gly Val Ile Thr Ser Leu Ala  
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 Thr Trp Ser Val Ala Val Phe Ala Ser Leu Pro Gly Phe Ile Phe Ser  
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 Thr Cys Tyr Thr Glu Arg Asn His Thr Tyr Cys Lys Thr Lys Tyr Ser  
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 Leu Asn Ser Thr Thr Trp Lys Val Leu Ser Ser Leu Glu Ile Asn Ile  
 195 200 205  
 Leu Gly Leu Val Ile Pro Leu Gly Ile Met Leu Phe Cys Tyr Ser Met  
 210 215 220  
 Ile Ile Arg Thr Leu Gln His Cys Lys Asn Glu Lys Lys Asn Lys Ala  
 225 230 235 240  
 Val Lys Met Ile Phe Ala Val Val Val Leu Phe Leu Gly Phe Trp Thr  
 245 250 255  
 Pro Tyr Asn Ile Val Leu Phe Leu Glu Thr Leu Val Glu Leu Glu Val  
 260 265 270  
 Ile Gln Asp Cys Thr Phe Glu Arg Tyr Leu Asp Tyr Ala Ile Gln Ala  
 275 280 285  
 Thr Glu Thr Leu Ala Phe Val His Cys Cys Leu Asn Pro Ile Ile Tyr  
 290 295 300  
 Phe Phe Leu Gly Glu Lys Phe Arg Lys Tyr Ile Ile Gln Leu Phe Lys  
 305 310 315 320  
 Xaa Xaa Xaa Gly Leu Phe Val Ile Cys Gln Tyr Cys Gly Leu Leu Gln  
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345

350

Asp His Asp Leu His Asp Ala Leu  
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Tyr Ser Gly Ile Leu Lys Thr Leu Leu Arg Cys Arg Asn Glu Lys Lys  
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Arg

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cttcggtgtc gaaatgagaa gaagagg 147

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Met Leu Val Ile Leu Ile Leu Ile Asn Cys Lys Arg Leu Lys Ser Met  
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Thr Asp Ile Tyr Leu Leu Asn Leu Ala Ile Ser Asp Leu Phe Phe Leu  
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Leu Thr Val Pro Phe Trp Ala His Tyr Ala Ala Ala Gln Trp Asp Phe  
 Page 15

sequencelisting.txt

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Ala Val Val His Ala Val Phe Ala Leu Lys Ala Arg Thr Val Thr Phe  
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Gly Val Val Thr Ser Val Ile Thr Trp Val Val Ala Val Phe Ala Ser  
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Leu Pro Gly Ile Ile Phe Thr Arg Ser Gln Lys Glu Gly Leu His Tyr  
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Thr Cys Ser Ser His Phe Pro Tyr Ile Lys Asp Ser His Leu Gly Ala  
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Asn Ser Ala Ser Val Ser Lys  
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